

PHILMONT *Mobile* RADIO CLUB INC.

The BLURB

AREA.
MEMBER

MAY
1965

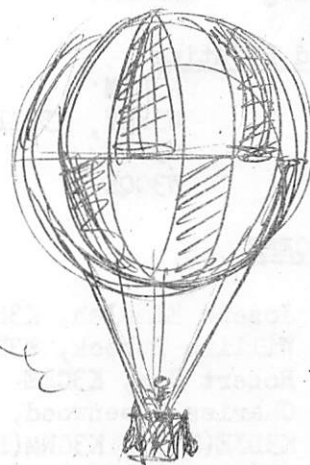


MAY 8TH

PARACHUTE
JUMPS



GLIDER FLIGHTS



BALLOON
FLIGHT

Another PHILMONT SERVICE....

COMMUNICATIONS
FIELD, AMBLER PA.

AT WINGS
AIR SHOW.

The BLURB is published monthly by and for the members of the Phil-Mont Mobile Radio Club. Our purpose is to further the interest of amateur radio in general and mobile radio in particular. We endeavor to keep the news accurate, interesting and in a small way, educational. Copying and quoting is permitted, with a credit line, and we gladly exchange subscriptions with other clubs.

DEADLINE: The BLURB is mailed on the last Monday of each month. All material must be in the hands of the Department Editor before the 15th of the month.

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Swap and Shop	W3QQH
Channel Chatter	W3UMK
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Technical Drawing	WA2RDC

Circulation and Printing

Publisher	W3LEM
Printers	W3YHV, K3HIE
Boss Stitcher	W3VVS
Collator	W3QQH

1965 CLUB OFFICERS

President:	Joseph Elmaleh, K3HIJ
V. President:	William Bubeck, W3YHV
Secretary:	Robert Cox, K3CEE
Treasurer:	Charles Greenwood, W3GOW
Directors:	K3DJE(E65); K3QNM(E66); W3OWK (E67); W3GIF(A); W3WPD(A); and all 1965 club officers.

NETS AND NET FREQUENCIES

Channel 1-29.493 mc	Channel 4-50.70 mc
Channel 2-29.626 mc	Channel 5-52.525 mc (FM)
Channel 3-147.78 mc	Channel 6-3993 kc (SSB)

Ten-On-Ten Net	Sundays	1000-1100
Orange Juice Net	Weekdays	0700-0730
Scrambled Egg Net	Weekdays	0730-0830
Executive Net	Weekdays	0830-0900

Channel 1 (29.493 mc) is monitored daily from 0900-2400 for the benefit of mobiles in the Philadelphia and suburban area.

P M R C CALENDARMEETINGS

Regular Meeting: First Monday of each month
Time: 2000 hours (8:00 PM)
Place: THE FRANKLIN INSTITUTE
20th & Benjamin Franklin
Parkway, Philadelphia, Pa.

MID-MONTH MEETING SCHEDULE

Jan. 20	W3UMK	July 21
Feb. 17		Aug. 18
Mar. 17		Sept. 15
Apr. 14	W3WNC	Oct. 20
	(Stag Dinner)	Nov. 17
May 19		Dec. 15
June 16		



THE PREZ SEZ

This month I am writing this from the new QTH. After dint of much effort and burning of the midnight oil, the ham shack is beginning to shape up. Shortly I should be back in full operation again. In the few minutes of operating I have done since my arrival, the most prevalent topic of conversation on the bands seems to be the FCC proposal for incentive licensing. As a relative neophyte in this hobby, it is not for me to express an opinion on the merits of the proposal, however, I commend consideration of this proposal to each of you so that if the question of the club taking a position and possibly filing a petition with the FCC arises, you will be in a position to take a stand on this highly controversial matter. There will be other controversial issues which face the club and which will require consideration by the membership in the near future. Since the beginning of the year the committee on by-laws has been holding meetings to consider revision of our election rules and the by-laws in general. Those of you who were at the March Mid-month meeting will remember the rather lively discussion relating to relationships existing between the Board of Directors and the membership, and between the regular meeting and the mid-month meeting. In a report I have just received from W3MHR, I have been advised that the committee has made recommendations for certain changes in the by-laws and the rules relating to elections. These proposals will be presented to you shortly, I hope in written form, and when they are, I ask you to study them carefully so that when they come up for consideration by the membership you will be fully advised and have your ideas resolved about these most important proposals. Although I would like to see unanimous action by the club in whatever manner it decides to dispose of these suggested changes, I realize that such is not possible. I would hope that after consideration of these proposals, all members will continue to support the club, its officers, and its Board of Directors in effectuating the intent of the majority of its members. Remember, Field Day is just a little over a month away, let's all get our mobile rigs in shape and then have a ball!

73
de K3HIJ

IT SEEMS TO ME

I apologize for the fact that this issue of the BLURB is rather thin and sparse. The illness of my wife and her subsequent hospitalization rather devoured the time I usually find to look for material. Coupled with this, I had a call from W3UMK announcing his withdrawal as CC Editor, and I received no information of any kind from Holly, our XYL Editor. Things have really been tough!

My thanks for your understanding and indulgence, and my sincere hope that we will do better in the future.

de K3KUD

PHIL-MONT CALENDER FOR MAY

Monday May 3 6:00 PM Pre-meeting dinner, MLA Club.
Monday May 3 8:00 PM Regular meeting, Franklin Institute.
~~Saturday May 8 9:00 AM~~ Balloon flight-Wings Field, Ambler.
Wednesday May 19 8:00 PM Mid-month meeting at W3LEM.
Monday May 31 8:00 PM BLURB folding at W3LEM

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NEWS AND ACTIVITIES

The regular monthly meeting of the Phil-Mont Mobile Radio Club for April was held at the Franklin Institute on Monday, April 5. The program featured the courageous appearance of Joe Welsh, W3UQV, who read FCC Docket 15928 and gave us a quick run-through of his interpretation of the changes. Hal, W3HXY, showed and briefly discussed a home-brew transverter for 6 and 2 meters for use with the TR-3. This was a very nice looking piece of equipment and very interesting. Another brief but informative talk was given by Hy Hecht, W3WNC, who described a mobile power-supply utilizing an inverter for readily supplying a KWM-2; Polycom; G-76; or Messenger (one at a time of course).

The main program for the evening was presented by Fred Shaw, W3ADV, and concerned the problems encountered to date in the building of an educational TV system for the State of Delaware. The system at present is designed to utilize 7 microwave locations to relay material originating in Dover, to 177 schools throughout the state. The equipment is built by Western Electric and will operate in the 11 KMC band. Bell Telephone of course is the installing organization. Fred made his presentation interesting and informative and at the end of his talk answered questions from the floor, thus pleasing everyone.

The meeting was attended by some 35 persons, 9 of whom were visitors; in fact, we noted that Fred, W3ADV, brought his own cheering section in the person of Emma, his XYL, who made a most attractive addition to our group. The usual delicious repast, prepared by Al, W3GIF and Bill, K3HIE, was enjoyed by all.

* * * * *

The date for Model Airplane Championship Meet has now been established as July 26 to August 2, 1965. As heretofor they will be held at the Willow Grove Naval Air Station. Jim Spencer, W3QQH, is handling this for the club and will furnish more information when available.

* * * * *

The pre-meeting dinner group will get together at the MLA Club, 1513 Walnut Street, Philadelphia, at 6:00 PM on Monday, May 3. Everyone who wishes to join this group is welcome. After dinner most of the group comes up to the meeting.

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A sports car rally will be held on Sunday, May 2 at 1:30 PM. Starting point will be the Fiesta Motor Lodge, Willow Grove, Pa. Phil-Mont will supply a mobile and the Communications Truck to assist.

NEWS AND ACTIVITIES (continued)

The following short exchange was heard recently on Channel 1:
W3QV - "Well, Bernie, just what is the difference between CB and Phil-Mont?"
W3CW - "We-1-1-1, Brad, I guess it's just one meter!"

* * * * *

Harold Hogan, W3ZN, has been invited to operate NSS on Armed Forces Day. A well-deserved honor in recognition of Harold's work with Navy MARS.

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In re a recent discussion on the 10-on-10 Net - W3YJM first appears as Net Control on January 4, 1959 according to the available records. Just to keep the record straight - with thanks to Brad, W3QV.

* * * * *

The Editor of the BLURB regrets to announce the demise of an old and dear friend, "Channel Chatter". "Doctor" Dick Behrens, W3UMK, who had proposed therapy under his direction in an effort to save the beloved old feature, announced this week that he was abandoning his efforts. The patient expired shortly after W3UMK made his announcement.

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With just one more issue of the BLURB before Field Day, the Editor has received absolutely no information as to where, what kind, how or who, from the committee.

No report!

No action.

No committee?

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The Navy, BuAer, has announced officially that the world famous flight demonstration team, "The Blue Angels", will appear at the Willow Grove Naval Air Station on July 31, and August 1, 1965. This is of course the final week-end of the AMA Championship Meet. For those of you who haven't seen this team in action, we recommend it. For those of you who have seen them, you already know what a great show they put on. The "Blues" will make only one other appearance in the area this year, and that will be in September.

* * * * *

Wayne, our club historian, informs us that we now have a file cabinet at the Franklin Institute and very soon he will have the historical material on file at that location. Some of this data is quite interesting and some of the newer members might wish to contact Wayne at any meeting and take a look at it.

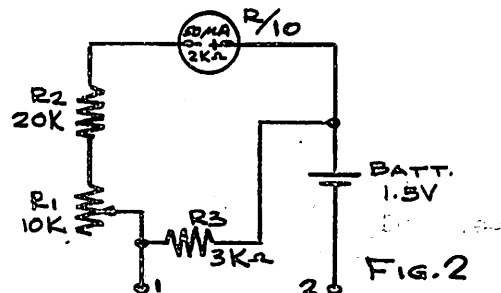
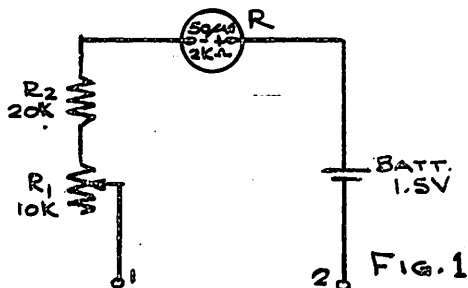
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What ever became of the Editorial Advisory Committee? In fact, what ever became of most of our committees?

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FLASH !!! The Reading Radio Club has invited us to join them at a Clam Bake, July 25, near Reading. More details to follow see W3OWK!

There are only three basic parts to an ohmmeter, a battery, series resistance and a milliammeter calibrated in ohms. With reference to FIG 1, these elements can be easily be located. The resistor is broken into two parts to allow for voltage adjustment. R 2 is selected to make battery replacement at a voltage that will not too seriously effect ohm scale calibration. The sum of R 1, R 2 and the meter resistance will equal the value required to obtain full scale deflection with the voltage supplied. This condition will be obtained when terminals 1 and 2 are tied together when the ohmmeter is zeroed.



To increase the voltage ranges in the larger direction, using the same scale, the voltage of B 1 can be increased in multiples of 10. The multiplication of the source voltage is directly proportional to the scale multiplication. Resistors R 1 and R 2 will have to be increased proportionately.

With reference to FIG. 2, the circuit is altered to allow for resistance with lower values. The circuit and values are the same as in FIG. 1 except for the addition of R 3. This resistor shunts the meter and the series resistors. The factor by which it divides the original meter scale is determined by it's ratio to the basic series circuit. (The meter plus the series resistors) The factor is always in multiples of 10 to allow for the use of the same meter dial. In the example shown, the total series resistance will be 30 K ohms. To divide the scale by 10, 3000 ohms will be shunted across the circuit. The limiting factor in this arrangement is the current the battery can support.

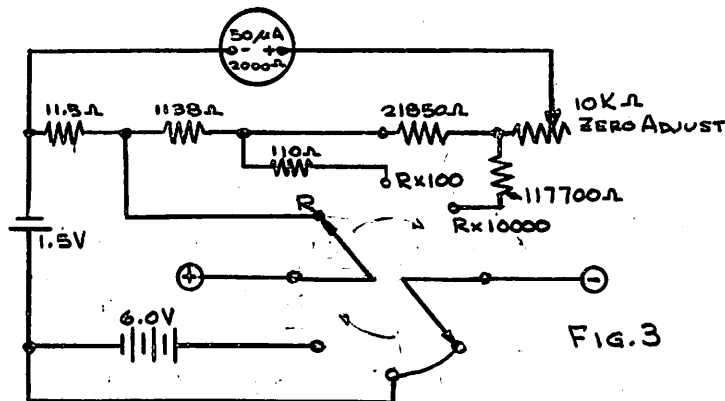


Figure NO 3 is typical of the configuration generally used in a multi-purpose unit. All of the above circuit variations are used. The only variation is the selector switch and a few series resistors to correct for battery voltage.

SWAP AND SHOP

For sale: Like new NCX-3 Transceiver w/NCX-A power supply. \$350.00

Contact C.L.Stouth, W3ZPP
Phone: 265-2284

For sale: One 12vdc and one 115vac Heathkit Citizens Band Transceivers - Model GW-22. Five channel xtal controlled transmit and receive. Factory wired, two months old. Price per pair \$120.00

Contact Gerard A. Baldauf, W3JKH
175 Wernersville Blvd.
Wernersville, Pa.

For sale: CLUB PROPERTY
IBM Wide carriage electric typewriter.

Hammarlund Super Pro receiver.

Onan 3 KW water-cooled generator unit. 110 volt, single phase.

Contact Jim Spencer, W3QQH
124 Central Ave
North Hills, Pa.
TU-4-8469

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NEW PUBLICATIONS

A new book entitled "Frequency Changers" is available from Sams. This book, by Irving Gottlieb, is a fundamental text/reference source relating specifically to frequency changers, which the author defines as a "device or circuit that serves the primary purpose of changing frequency." Five fact-filled chapters lead the reader through the practical and fundamental aspects of oscillators, modulators, rectifiers, multipliers, mixers, frequency translators, parametric amplifiers, and frequency dividers. The book is divided into five chapters, the first four dealing with the basic concepts and circuits, while Chapter 5 presents actual practical circuits of various frequency changers as used in contemporary equipment. This publication is available from parts distributors and bookstores at a cost of \$4.95. The book contains 224 pages and the Catalog Number is FCG-1.

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We hear that Murray, K3SPS, is (or soon will be) operating fixed with the same rig that gave Enie, K3GNJ, the big signal for quite a while. Seems as though Murray bought Enie's intercom rig.

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INCENTIVE LICENSING -IMPROVEMENT OR STATUS?

We have heard and participated in much discussion on the subject of "Incentive licensing".

In a general sense, I personally favor incentive licensing. Where on this good earth, could we expect and promote such advancement in a hobby but in these United States of ours. When viewing the current news, one might question how united we are; however, this is not the question, but rather, how competent are we?

Since posing this question, let's ask another - Where in the world can we find a more suitable environment under which to improve - or, where will we find a greater wealth of materials to promote improvement? I cannot imagine anyone who would not say, "Right here in the U.S.A."

Since we have such a fertile area in which to improve, or should I say "develop", would it not seem fitting that we in the United States should cultivate this hobby incentively. By so doing, we will be a true leader in the world by technical level rather than by number.

We generally find ourselves fighting "change". This FCC Docket No. 15928 proposes much change. If we view it, weigh it, and discuss it, maybe we can make comment that will allow some change but take the fight out of it.

As individuals, we seek accomplishments, and when attained, proceed to imagine ourselves on an artistic pedestal; and The Lord help those who try to disturb us! Well, we've been disturbed - and I'm not so sure that FCC will not get all the help they need - if any. Why? I'm not sure but that the imaginary pedestal is but an old stump that has been deteriorating for too many years. (A close examination of the stump might prove quite revealing.) Assuming that the FCC establishes "Incentive Licensing" and shakes most of us from our pedestals (stumps), why now establish new pedestals? What do I mean by pedestals? If I hold a Novice or Technician license, FCC gives me a certain Category Call. To use an "N" or a "T" in a call sign assigned to one marks the category. When you progress, you have the letter deleted from the call at present. The rest of the call remains the same. As you grow, incentively we hope, under the new proposal, you will be assigned a completely new call sign, strange to you but reflecting your status. As you develop, incentively we trust, you again change calls and again your status is your call; and so your Call Letters become as much your status as your designation. I fear that this "Incentive Licensing" will become enveloped in a new and severe "Status Syllabus".

Time and space do not permit greater detail; however, what do you think? Maybe we can cover another phase of this proposal next month.

Lloyd, W3CDY

The above touches on one phase of the BLOTTER DOCKET proposals. Why the BD? This docket contains much that is worthwhile, but it also contains some junk. 15928 apparently has been used to "blot-up" all the proposals that have been lying around loose for months. There is much room for comment - why don't you send them along to us and have them published? Maybe we can even start an argument or two.

I will do my best to publish all material received - no obscenity please.

(ED)

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For The Chubby Ones

Magic Menu

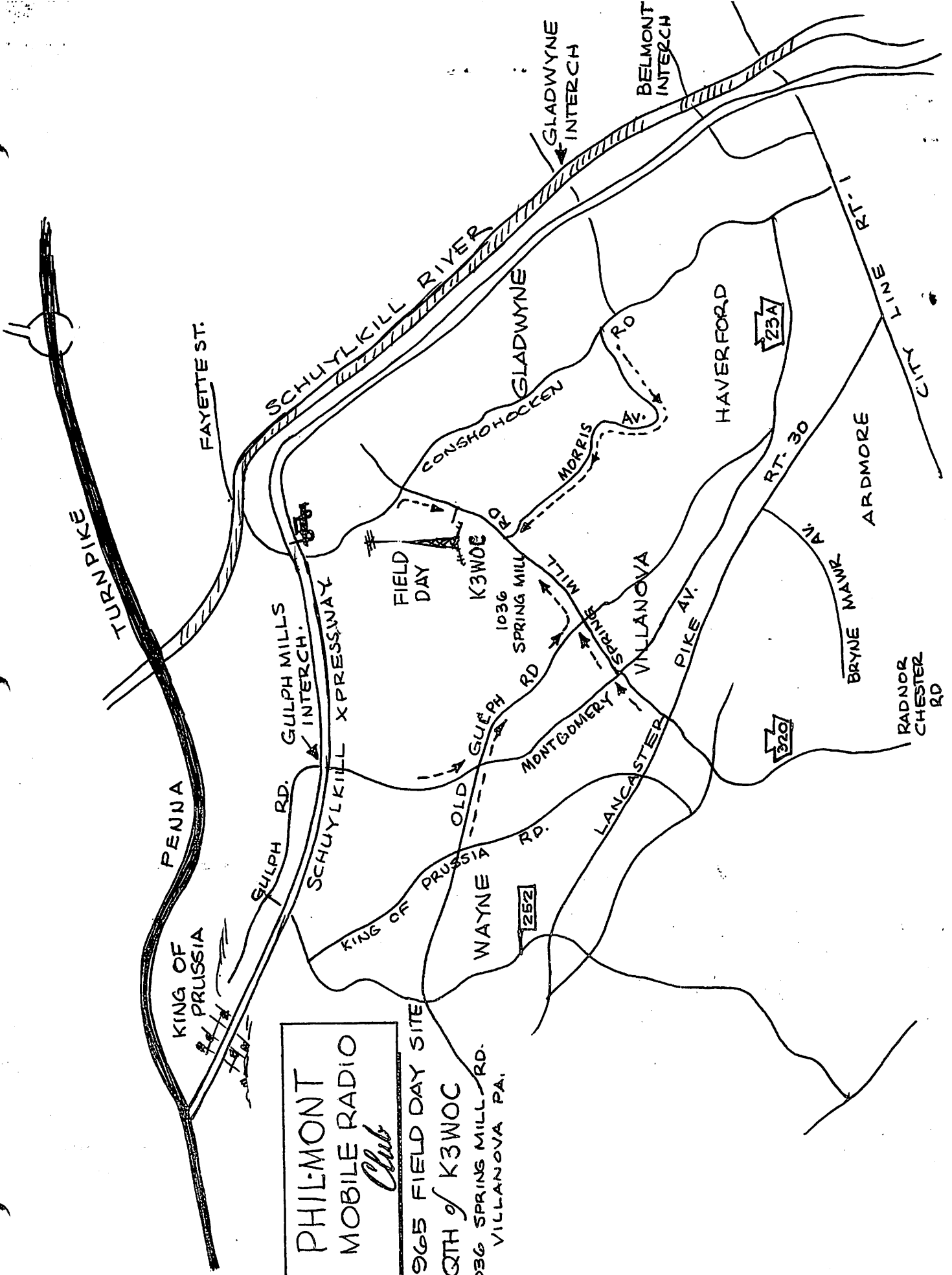
Breakfast $\frac{1}{2}$ grapefruit or unsweetened grapefruit juice
2 eggs any style, 2 slices bacon minimum
(you may have 12 eggs and 12 slices of bacon if you wish)

Lunch $\frac{1}{2}$ grapefruit
Meat any style any amount
Salad, as much as you can eat with any sugarless dressing.
Coffee or Tea

Dinner $\frac{1}{2}$ grapefruit
Meat any style any amount, with gravy providing that it is not thickened with flour. You may substitute fish for meat.
Any green, yellow or red vegetables, as much as you can eat and salad as above.
Coffee or Tea

Bedtime Snack: Tomatoe juice or skimmed milk

1. At each meal you MUST eat until you are full, until you cannot eat any more.
2. Dont eliminate anything, for example, don't skip bacon at breakfast or omit salad at dinner. It is this combination of food that burns up accumulated fat.
3. The grapefruit is important because it acts as a catalyst that starts the fat burning process.
4. Cut down on coffee. It is thought to affect the insulin balance that hinders burning up process. Try to limit yourself to one cup at each meal.
5. NO EATING BETWEEN MEALS! If you can eat the combination of goods suggested until you are stuffed you won't be hungry between meals
6. Note with this MAGIC MENU you can eat what your family eats except desserts, breads and white vegetables. While your family eats these you may have a double portion of meat, salad or vegetables. Eat until you are stuffed and then force yourself to eat some more. THE MORE YOU CAN EAT OF THE PROPER COMBINATION, THE MORE YOU LOSE.
7. Note that this diet completely eliminates sugars and starches which form lipopds and lipoids are what form fat. Fat does not form fat it helps burn it up. You can fry your eggs in butter and use butter generously.
8. You can lose 10 lbs. in 10 days. There will be no weight loss the first four days, but you will suddenly drop 5 lbs. on the fifth day. Thereafter you lose 1 lb a day until the tenth day. Then you will lose $1\frac{1}{2}$ lbs every two days until you get down to AES's Weight.



PHILMONT
MOBILE RADIO
Club

1965 FIELD DAY SITE
QTH of K3WOC
1036 SPRING MILL RD.
VILLANOVA PA.

The "Blub"
A PHIL-MONT MOBILE RADIO
CLUB PUBLICATION
10 No. YORK RD. WILLOW GROVE PA.



PHIL-MONT MOBILE RADIO CLUB INC.